



Environmental Stewardship Program

BF Goodrich Tire Manufacturing

Pollution Prevention Success Story

Water Use Reduction

Background

BF Goodrich Tire Manufacturing manufactures about 20,000 light truck and passenger tires per day for the replacement market. BF Goodrich Tire Manufacturing is located in a rural agricultural area of Woodburn, Indiana, on approximately 287 acres, with about 48 acres under roof. Manufacturing operations include raw material mixing, extrusion, milling, tire building, curing, tire verification, and warehousing and shipping. BF Goodrich Tire Manufacturing employs over 1,000 people.

BF Goodrich has been registered as an ISO 14001:2004 facility since July 15, 2005, and has been a member of IDEM's Environmental Stewardship Program since February 4, 2008. BF Goodrich has also been a member of the Indiana Partners for Pollution Prevention since December 2008.

Project Implementation

BF Goodrich Tire Manufacturing is striving to achieve ten percent water reduction each year until 2010 or when water use is reduced to 105,000,000 gallons per year. BF Goodrich Tire Manufacturing installed a new closed-loop chiller system on one of the facility's extrusion lines. The previous extrusion line operated as a feed and bleed system, which consumed vast amounts of water on a daily basis. BF Goodrich also provided employees with additional training on water conservation and best management practices.

Results

BF Goodrich Tire Manufacturing used 148,003,000 gallons in 2006 and projected to reduce the total amount of water used by the facility to 119,882,430 gallons by the end of 2008. BF Goodrich exceeded their 2008 goal and reduced the amount of water used to 106,260,000 gallons, which is a 41,743,000 gallon reduction. During the first ten months of 2009, BF Goodrich Tire Manufacturing reduced water consumption by an additional 31 percent, or 26,827,992 gallons, from 2008.

Facility Contact

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